

Intrinsic Ferromagnetism with High Temperature, Strong Anisotropy and Controllable Magnetization in CrX (X = P, As) Monolayer

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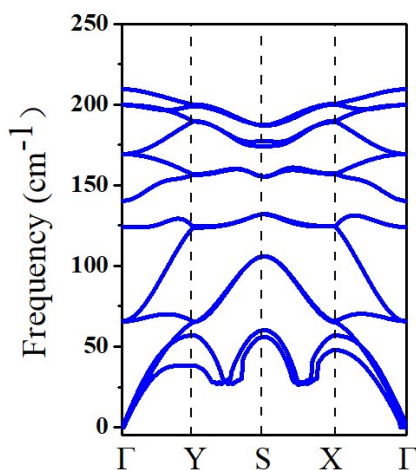


Fig. S1 Calculated phonon dispersion of monolayer CrAs.

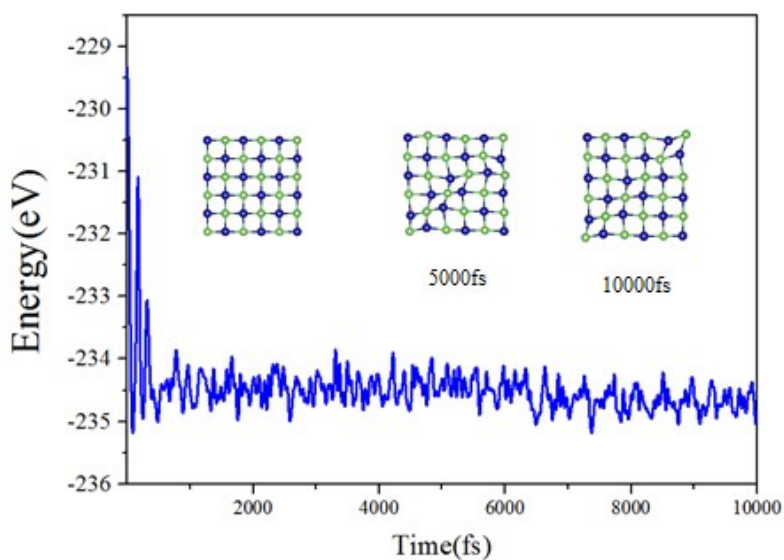


Fig. S2 Evolution of total energy and snapshots of CrAs from AIMD simulations at 0 and 10 ps.

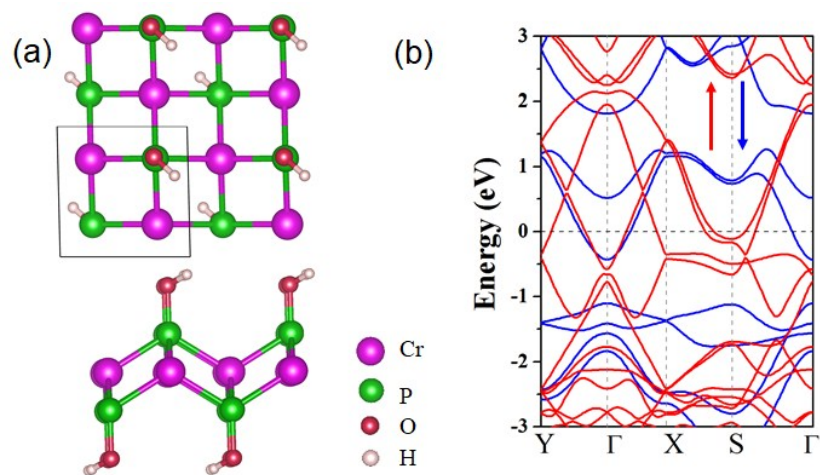


Fig. S3 (a) Crystal structure of OH functionalized CrP monolayer (b) Spin-polarized electronic band structure for OH functionalized CrP monolayer.